

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-097897

(43)Date of publication of application : 10.04.2001

(51)Int.Cl.

C07C 13/567

C07C 13/573

C09K 11/06

H05B 33/14

(21)Application number : 11-277955

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(22)Date of filing : 30.09.1999

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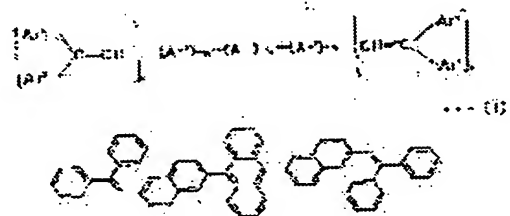
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1) ORGANIC COMPOUND AND ORGANIC ELECTROLUMINESCENT ELEMENT USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain both a new organic compound capable of exhibiting a high luminous efficacy in the case of using the compound as a constituent material for an organic electroluminescent element (organic EL element) and the organic EL element using the compound.

SOLUTION: This organic compound is represented by formula I [Ar1 is a bifunctional group composed of a 6-30C aromatic ring which may contain a substituent or a 4-30C bifunctional heterocyclic group containing at least one kind of hetero atom selected from O, N, S and Si (when both (s) and (t) are 0 and (k) is 1, Ar1 is not 9,10-anthrylene); Ar1 and Ar2 are each independently a 6-30C arylene group which may contain a substituent or a 4-30C bifunctional heterocyclic group containing at least one kind of hetero atom selected from O, N, S and Si (when (s) and (t) are 0, Ar2 and Ar3 positioned at the end of the compound are each a corresponding monofunctional aromatic group or heterocyclic group), Ar4 to Ar7 are each independently a 6-20C aryl group which may contain a substituent or a 4-30C monofunctional heterocyclic group containing at least one kind of hetero atom selected from O, N, S and Si; (k) is 1 or 2; (m) and (n) are each 1 or 2; (s) and (t) are each 0 or 1], to be concrete, an organic compound of the formula. The organic EL element has at least an organic luminous layer nipped between a pair of electrodes and contains the organic compound.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

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- ' [Date of registration]
- ' [Number of appeal against examiner's decision of rejection]
- [Date of requesting appeal against examiner's decision of rejection]
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